

TARGET 1A

Name Answer Key Date _____

Write an algebraic expression for each word phrase.

1. 11 more than y

$$y + 11$$

2. 5 less than n

$$n - 5$$

3. the sum of 15 and w

$$15 + w$$

4. 22 minus k

$$22 - k$$

5. a number b divided by 8

$$\frac{b}{8} \text{ or } b \div 8$$

6. q multiplied by 2

$$2q \text{ or } 2 \cdot q$$

7. the product of 3.3 and a number x

$$3.3x \text{ or } 3.3 \cdot x$$

8. one third of a number m

$$\frac{m}{3} \text{ or } m \div 3$$

9. 14 minus the quotient of 25 and p

$$14 - \frac{25}{p} \text{ or } 14 - 25 \div p$$

10. a number t tripled plus a number r to the fourth power

$$3t + r^4$$

Write a word phrase for each algebraic expression.

11. $8 - a$

8 minus a
8 less a

12. $v + 9$

9 more than v

13. $\frac{y}{5} - 10$

10 less than the
quotient of y and 5

14. $1.9 + n$

n plus 1.9

15. $5h + 3k$

5 times h plus
3 times k

16. $2x + 1$

two times x plus 1

17. Error Analysis A student writes the sum of 7 times a number n plus 5 to describe the expression $7(n + 5)$. Explain the error.

7 times the sum of n and 5

18. Sarah is going to pay for an item using gift cards. The clerk tells her that she will need 2 gift cards and an additional \$3 to pay for the item. Write an algebraic expression to model the situation using the variable g for the number of gift cards to pay her total bill, t .

$$t = 2g + 3$$